Pioneer

Service Manual

HDJ-2000

ORDER NO.
TRT1164

STEREO HEADPHONES

HDJ-2000 /XZC1/WL5
HDJ-2000 /XZC1/EW5
HDJ-2000 /XZC1/CN5

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING
This product contains certain electrical parts contain chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 - Proposition 65

1. SPECIFICATIONS

Type	Fully enclosed dynamic headphones
Frequency response	5 Hz ~ 30 000 Hz
Impedance	36 Ω
Sensitivity	107 dB
Maximum power input	3 500 mW
Driver units	ϕ 50 mm dome type
Cord	1.2m long one-side connection coiled type (extended length 3.0 m)
Plug	ϕ 3.5 mm 3P mini-plug (gold plated, threaded type)
Weight	290 g (without cord)
Accessories	Carrying pouch, ϕ 6.3 mm 3P plug adapter (gold plated, threaded type)

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ⓒ**PIONEER CORPORATION 2008**

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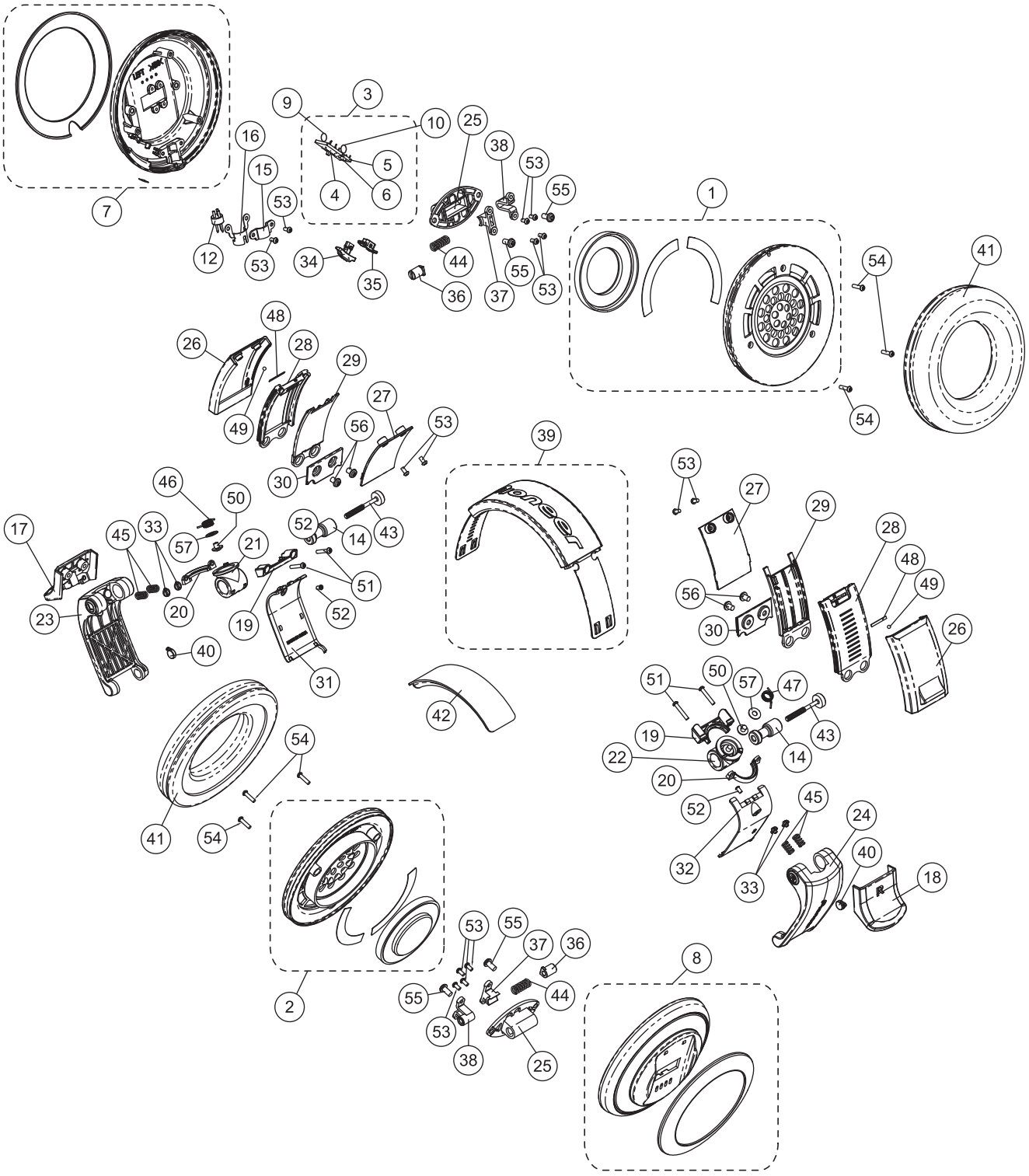
2. EXPLODED VIEWS AND PARTS LIST

NOTES:
- *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Screws adjacent to ▼ mark on product are used for disassembly.*
- *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)*

2.1 EXPLODED VIEWS

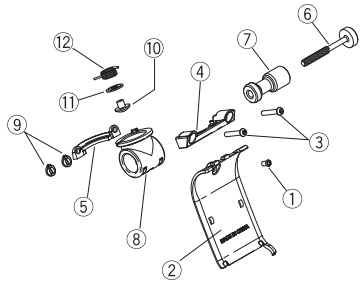


EXPLODED VIEWS Parts List

Mark	No.	Description	Part No.
	1	1..SP Unit ASSY L	WXX1386
NSP		2..Speaker	WWW1089
NSP		2..Base L	WNK2902
NSP		2..Dumper	WER1142
	2	1..SP Unit ASSY R	WXX1387
NSP		2..Speaker	WWW1089
NSP		2..Base R	WNK2903
NSP		2..Dumper	WER1142
	3	1..Switch Board ASSY	WXX1388
NSP	4	2..Switch	WSH1022
NSP	5	2..PC Board	WNP1079
NSP	6	2..Resistance	RS1PMF4R7
	7	1..Case ASSY L	WXX1389
NSP		2..Ring L	WNA1168
NSP		2..Case L	WNK2904
NSP		2..Switch Label	WAN1096
	8	1..Case R ASSY	WXX1390
NSP		2..Ring R	WNA1169
NSP		2..Case R	WNK2905
NSP	9	Cord	WDC1087
NSP	10	Cord	WDC1089
	11	- - - - - - - - - - - - - - - -	
	12	Jack	WKN1025
	13	- - - - - - - - - - - - - - - -	
	14	Shaft	WLA1034
	15	Plug Holder	WNA1167
	16	Stopper Ring	WNA1170
	17	Cap L	WNH1006
	18	Cap R	WNH1007
	19	Stopper A	WNH1008
	20	Stopper B	WNH1009
	21	Joint L	WNH1010
	22	Joint R	WNH1011
	23	Hanger L	WNH1012
	24	Hanger R	WNH1013
	25	Case Holder	WNH1014
	26	Slider	WNK2892
	27	Slider Cover	WNK2893
	28	Inner Slider A	WNK2894
	29	Inner Slider B	WNK2895
	30	Cap Cover	WNK2896
	31	Hanger Cover L	WNK2897
	32	Hanger Cover R	WNK2898
	33	Click Plate	WNK2899
	34	Knob	WNK2900
	35	Knob Holder	WNK2901
	36	Click Shaft	WNK2906
	37	Clamper Cover	WNK2907
	38	Clamper	WNK2908
	39	1..Head Band	WNK2909
NSP		2..Cord	WDC1088
NSP		2..Bandplate	WNA1166
	40	Hanger Cap	WNK2938
	41	Ear Pad	WNV1142
	42	Head Band Cushion	WNV1144
	43	Bolt	WBA1012
	44	Spring	WBH1057
	45	Spring	WBH1058
	46	Spring L	WBH1059
	47	Spring R	WBH1060
	48	Plate Spring	WBK1016
	49	Steel Ball	WET1027
	50	Screw	BMZ30P030FCC
	51	Screw	PMZ20P120FTB
	52	Screw	JFZ20P035FTB
	53	Screw	PPZ20P040FTB
	54	Hexagon Socket Screw	PPZ20P080FTB
	55	Connector Screw	PPZ30P060FTB
	56	Screw	BMZ30P040FTB
	57	Washer	WB30FTC

Disassembly Procedures

How to disassemble the hanger cover



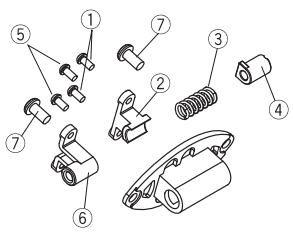
① Screw → ② Hanger Cover L → ③ Screw → ④ Stopper A →
⑤ Stopper B → ⑥ Bolt → ⑦ Shaft → ⑧ Joint L → ⑨ Click Plate →
⑩ Screw → ⑪ Washer → ⑫ Spring L

After the bolt ⑥ is removed

The shaft ⑦ can be easily removed if you slide it by holding the point shown in the above photo pressed.

Note:
As both ends (the thicker parts) of the shaft will serve as axes of rotation, be careful NOT to damage them. Some scratches in the constricted middle part may be tolerable.

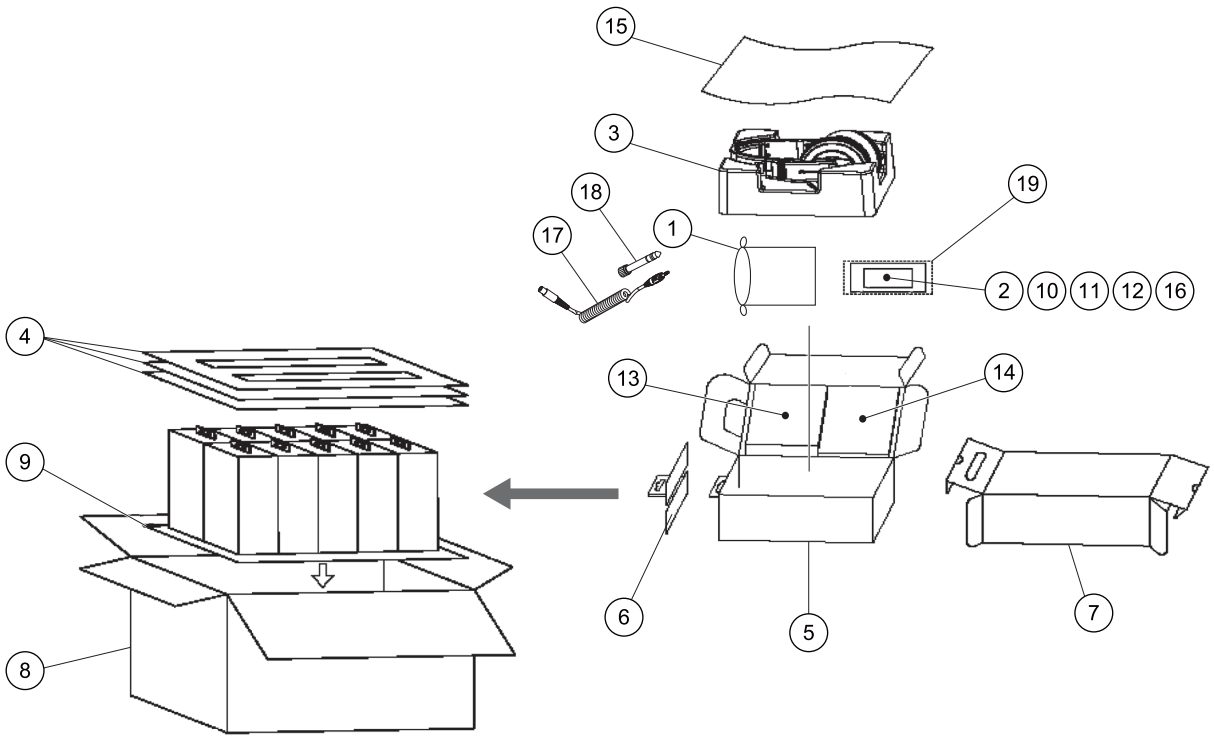
How to disassemble the case holder



① Screw → ② Clamper Cover → ③ Spring → ④ Click Shaft →
⑤ Screw → ⑥ Clamper → ⑦ Connector Screw

To remove the spring ③ , bend it as shown in these photos.

2.2 PACKING



PACKING Parts List

Mark	No.	Description	Part No.
	1	Carring Pouch	WMA1117
	2	Caution Card (XZC1/WL5 only)	WRN1012
	3	Inner Tray	WHF1172
	4	Board Paper	WHC1012
	5	Packing Case	WHG2250
	6	Hook	WHG2251
	7	Outer Packing Case	
		(For XZC1/WL5)	WHG2253
		(For XZC1/EW5)	WHG2274
		(For XZC1/CN5)	WHG2254
	8	Master Carton	
		(For XZC1/WL5)	WHP1914
		(For XZC1/EW5)	WHP1915
		(For XZC1/CN5)	WHP1916
	9	Board Paper	WHC1011
	10	Operating Instructions	WRB1111
		(German, Italian, Dutch, Spanish, Chinese, Russian)	
		(Except XZC1/CN5)	
	11	WEEE Caution Card	WRN1013
		(XZC1/EW5 only)	
NSP	12	Warranty Card	WRX1007
		(XZC1/EW5 only)	
	13	Packing Cushion	WHA1033
	14	Packing Cushion	WHA1034
	15	Packing Cloth	WHA1043
NSP	16	EHS Document	WRB1091
		(XZC1/CN5 only)	
	17	Cord Assy	WDE1313
	18	Plug Adaptor	WKX1044
NSP	19	Polyethylene Bag	O-160X250X0.03

3. SCHEMATIC DIAGRAM